



U.S. Department of Education

A Guide to the Implementation of

EDI Transaction Set 820 - Payment Order/Remittance Advice

*Version 1.6*

**ELECTRONIC DATA INTERCHANGE**  
**X12.820 (Payment Order/Remittance Advice) IMPLEMENTATION GUIDE**

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## **2.0 HOW TO USE THIS GUIDE**

The following sections are intended to be used primarily as a technical reference for the implementation of the X.12.820 EDI transaction set. Section 2.1 is a high level description and layout of the transaction (at the segment level only) and only includes the segments that will be used in this implementation. Section 2.2 contains a cross-reference of the existing data elements in the various student aid programs to the corresponding element in EDI. This section is intended for comparison only and not as a technical guide, as it does not include all of the required EDI qualifiers.

Section 2.3 is the technical reference section and is organized by student aid program. Within each program section, there is a program element to EDI element cross-reference and a sample origination record cross reference from the EDI transaction to the program element (including required EDI elements and qualifiers currently not used in the program applications).

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## **2.1 TRANSACTION PURPOSE**

This Standard contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice.

This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

### **2.1.1 Segment Summary**

#### **Envelope:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
010	ISA	Interchange Control Header	M	1	
020	GS	Functional Group Header	M	1	

#### **Heading:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
010	ST	Transaction Set Header	M	1	
020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1	
050	REF	Reference Identification	O	>1	

<b>LOOP ID - N1</b>					<b>&gt;1</b>
070	N1	Name	O	1	

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**Details:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
<b>LOOP ID - ENT</b>					<b>&gt;1</b>
010	ENT	Entity	O	1	
<b>LOOP ID - NM1</b>					<b>&gt;1</b>
020	NM1	Individual or Organizational Name	O	1	
040	N3	Address Information	O	>1	
050	N4	Geographic Location	O	1	
060	REF	Reference Identification	O	>1	
<b>LOOP ID - REF</b>					<b>&gt;1</b>
110	REF	Reference Identification	O	1	
120	DTM	Date/Time Reference	O	>1	
<b>LOOP ID - RMR</b>					<b>&gt;1</b>
150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1	
180	DTM	Date Time Reference	O	>1	
<b>LOOP ID - REF</b>					<b>&gt;1</b>
200	REF	Reference Identification	O	1	
<b>LOOP ID - SAC</b>					<b>&gt;1</b>
202	SAC	Service, Promotion, Allowance, or Charge	O	1	
<b>LOOP ID - ADX</b>					<b>&gt;1</b>
210	ADX	Adjustment	O	1	
220	NTE	Note/Special Instruction	O	>1	
<b>LOOP ID - AMT</b>					<b>&gt;1</b>
520	AMT	Monetary Amount	O	1	
010	SE	Transaction Set Trailer	M	1	

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## 2.2 STUDENT AID ORIGATION RECORD CROSS-REFERENCE MATRIX

The following matrix is a cross-reference of the various current student aid program origination record data elements to the EDI transaction set X12.820 (Student Loan Application) data elements. This matrix is not an implementation guide, but is meant to be a high-level cross reference of the existing data elements for all student aid programs that will use this transaction set. An 'N/A' denotes that the program does not currently use that particular EDI element or loop. A more detailed technical map for each student aid program can be found in the subsequent Detail Technical Specifications section of this document.

<b>PELL</b> (1999-2000 CDSI Version)	<b>DIRECT LOAN</b> (1999-2000 Version)	<b>FFELP</b> (CommonLine Version 3.0)
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### ENVELOPE:

#### **TRANSMISSION ENVELOPE**

<b>ISA SEGMENT</b>			
<i>ISA01 - Authorization Information Qualifier</i>	Translator Provided	Translator Provided	Translator Provided
<i>ISA02 - Authorization Information</i>	Translator Provided	Translator Provided	Translator Provided
<i>ISA03 - Security Information Qualifier</i>	Translator Provided	Translator Provided	Translator Provided
<i>ISA04 - Security Information</i>	Translator Provided	Translator Provided	Translator Provided
<i>ISA05 - Interchange ID Qualifier</i>	Translator Provided	Translator Provided	Translator Provided
<i>ISA06 - Interchange Sender ID</i>	Translator Provided	Translator Provided	Translator Provided
<i>ISA07 - Interchange ID Qualifier</i>	Translator Provided	Translator Provided	Translator Provided
<i>ISA08 - Interchange Receiver ID</i>	<b>Destination Mailbox ID</b> – EDI mailbox ID	Translator Provided	Translator Provided
<i>ISA09 - Interchange Date</i>	Translator Provided	Translator Provided	<b>File Transmission Date</b> - the date the file was transmitted
<i>ISA10 - Interchange Time</i>	Translator Provided	Translator Provided	<b>File Transmission Time</b> - the time the file was transmitted

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<i>ISA11 - Interchange Control Standards Identifier</i>
<i>ISA12 - Interchange Control Version Number</i>
<i>ISA13 - Interchange Control Number</i>
<i>ISA14 - Acknowledgment Requested</i>
<i>ISA15 - Usage Indicator</i>
<i>ISA16 - Component Element Separator</i>

Translator Provided
Translator Provided
Translator Provided
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## TRANSACTION ENVELOPE

### GS SEGMENT

<i>GS01 - Functional Identifier Code</i>
<i>GS02 - Application Sender's Code</i>
<i>GS03 - Application Receiver's Code</i>
<i>GS04 - Date</i>
<i>GS05 - Time</i>
<i>GS06 - Group Control Number</i>
<i>GS07 - Responsible Agency Code</i>
<i>GS08 - Version/Release/Industry Identifier Code</i>

Translator Provided
<b>Grantee DUNS Number:</b> DUNS number assigned to the reporting institution
Translator Provided
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Translator Provided
Translator Provided
Translator Provided
Translator Provided

Translator Provided
<b>Sender's ID:</b> The unique school or DUNS number of the sending institution
<b>Receiver's ID:</b> The unique school or DUNS number of the receiving institution
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Translator Provided
Translator Provided
Translator Provided
Translator Provided

Translator Provided
Translator Provided
Translator Provided
<b>File Creation Date</b> - the date the file was created
<b>File Creation Time</b> - the time the file was created
Translator Provided
Translator Provided
Translator Provided

## HEADING:

### HEADER LOOP

### BPR SEGMENT

# ELECTRONIC DATA INTERCHANGE

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<b>BPR04 - Payment Method Code</b>	N/A	N/A	<b>Funds Distribution Method Code</b> - a code indicating the method used to disburse funds to the school.
<b>REF SEGMENT</b>			
<b>REF02 - Reference Identification</b>	<b>Batch Number</b> – application record batch number.	<b>Disbursement Batch Number</b> - includes the batch type, school code, date batch created, cycle indicator, and sequence number.	<b>File Identifier Code</b> - code identifying the type of data in the file.
<b>REF02 - Reference Identification</b>	N/A	<b>User Identifier Create:</b> Sender ID	N/A
<b>N1 LOOP</b>			
<b>N1 SEGMENT</b>			
<b>N101 - Entity Identifier Code</b>	N/A	N/A	<b>Source Type Code</b> - a code indicating the type of organization creating this file.
<b>N102 - Name</b>	N/A	N/A	<b>Source Name</b> - the name of the organization identified in Source ID and Source Non-ED Branch ID.
<b>N102 - Name</b>	N/A	N/A	<b>Recipient Name</b> - the name of the organization identified in Recipient ID and Recipient Non-ED Branch ID.
<b>N104 - Identification Code</b>	<b>Financial Aid Servicer DUNS or Pell Assigned Number</b> - Valid DUNS number or Pell Grant program assigned identifier	N/A	<b>Source ID</b> - the unique identification code assigned to the organization creating this file.
<b>N104 - Identification Code</b>	N/A	N/A	<b>Source ID (DUNS number format)</b> - the unique identification code assigned to the organization creating this file.
<b>N104 - Identification Code</b>	N/A	N/A	<b>Recipient ID</b> - the unique identification code assigned to the organization receiving this file.
<b>N104 - Identification Code</b>	N/A	N/A	<b>Recipient ID (DUNS number format)</b> - the unique identification code assigned to the organization receiving this file.



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<b>REF SEGMENT</b>			
<i>REF02 - Reference Identification</i>	N/A	N/A	<b>Source Non-ED Branch ID</b> - the unique identification number assigned by an entity other than ED to the branch office creating this file.
<i>REF02 - Reference Identification</i>	N/A	N/A	<b>Recipient Non-ED Branch ID</b> - the unique identification code assigned by an entity other than ED to the branch office or campus receiving this file.
<b>DETAILS:</b>			
<b>ENT LOOP</b>			
<b>ENT SEGMENT</b>			
<i>ENT04 - Identification Code</i>	N/A	<b>School Code:</b> The Department of Education school identification code	<b>Lender ID</b> - the unique identification number assigned by ED or DUNS number of the lender associated with the loan.
<i>ENT07 - Identification Code</i>	N/A	N/A	<b>Lender Name</b> - the name of the lending institution associated with the loan.
<i>ENT09 - Reference Identification</i>	N/A	N/A	<b>Lender Branch ID</b> - the unique identification number assigned to the lender's branch office associated with the loan.
<b>NM1 LOOP</b>			
<b>NM1 SEGMENT</b>			
<i>NM103 - Name Last or Organization Name</i>	N/A	N/A	<b>Borrower Last Name</b> - the last name of the borrower identified in Borrower SSN.

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<i>NM103 - Name Last or Organization Name</i>	N/A	N/A	<b>PLUS/Alternative Student Last Name</b> - the last name of the PLUS/alternative student identified in PLUS/Alternative SSN.
<i>NM104 - Name First</i>	N/A	N/A	<b>Borrower First Name</b> - the first name of the borrower identified in Borrower SSN.
<i>NM104 - Name First</i>	N/A	N/A	<b>PLUS/Alternative Student First Name</b> - the first name of the PLUS/alternative student identified in PLUS/Alternative SSN.
<i>NM105 - Name Middle</i>	N/A	N/A	<b>Borrower Middle Initial</b> - the middle initial of the borrower identified in Borrower SSN.
<i>NM105 - Name Middle</i>	N/A	N/A	<b>PLUS/Alternative Student Middle Initial</b> - the middle initial of the PLUS/alternative student identified in PLUS/Alternative Student SSN.
<i>NM109 - Identification Code</i>	N/A	N/A	<b>Borrower SSN</b> - the borrower's 9-digit Social Security Number.
<i>NM109 - Identification Code</i>	N/A	N/A	<b>PLUS/Alternative Student SSN</b> - the PLUS/alternative student's 9-digit Social Security Number.
<b>N3 SEGMENT</b>			
<i>N301 - Address Information</i>	N/A	N/A	<b>Borrower Address (line 1)</b> - the first line of the borrower's permanent home address.
<i>N302 - Address Information</i>	N/A	N/A	<b>Borrower Address (line 2)</b> - the second line of the borrower's permanent home address.
<b>N4 SEGMENT</b>			
<i>N401 - City Name</i>	N/A	N/A	<b>Borrower City</b> - the city of the borrower's permanent home address.
<i>N402 - State or Province Code</i>	N/A	N/A	<b>Borrower State</b> - the state abbreviation of the borrower's permanent home address.
<i>N403 - Postal Code</i>	N/A	N/A	<b>Borrower Zip Code</b> - the zip code of the borrower's permanent home address.

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#### REF SEGMENT

<i>REF02 - Reference Identification</i>	<b>Origination ID</b> - unique number used to identify an origination	<b>Loan Identifier</b> - contains student's social security number, loan type, loan year, school code, and loan sequence number.	<b>Loan ID &amp; Sequence Number</b> - the Commonline unique identification number and the sequence number assigned by the guarantor at the time of guarantee.
<i>REF02 - Reference identification</i>	<b>Student's Bank Account Number:</b> The bank account number of the student receiving the funds.	<b>Student's Bank Account Number:</b> The bank account number of the student receiving the funds.	<b>Student's Bank Account Number:</b> The bank account number of the student receiving the funds.
<i>REF02 - Reference identification</i>	<b>Fund Source Bank Account Number:</b> The bank account number of the funding source.	<b>Fund Source Bank Account Number:</b> The bank account number of the funding source.	<b>Fund Source Bank Account Number:</b> The bank account number of the funding source.
<i>REF02 - Reference identification</i>	<b>School Bank Account Number:</b> The bank account number of the student's school.	<b>School Bank Account Number:</b> The bank account number of the student's school.	<b>School Bank Account Number:</b> The bank account number of the student's school.
<i>REF02 - Reference Identification</i>	<b>Institution Cross Reference</b> - this field can contain any cross reference information useful to the institution to identify student records internally	N/A	<b>EFT Authorization Code</b> - a code indicating whether the borrower has authorized the school to transfer the loan proceeds received by EFT to the appropriate student
<i>REF02 - Reference Identification</i>	<b>Action Code/Status</b> - code to indicate processing status of disbursement	N/A	<b>School ID</b> - the unique Office of Postsecondary Education number assigned by ED to the school associated with the loan.
<i>REF02 - Reference Identification</i>	N/A	N/A	<b>School ID (DUNS number format)</b> - the unique Office of Postsecondary Education number assigned by ED to the school associated with the loan.
<i>REF02 - Reference Identification</i>	N/A	N/A	<b>School Designated Branch/Division Code</b> - the unique code assigned by the school to identify the branch campus associated with the loan.
<i>REF02 - Reference Identification</i>	N/A	N/A	<b>Guarantor ID</b> - the number used to identify the guarantor associated with the loan.
<i>REF02 - Reference Identification</i>	N/A	N/A	<b>Guarantor ID (DUNS number format)</b> - the number used to identify the guarantor associated with the loan.

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<b>ADX LOOP</b>			
<b>NTE SEGMENT</b>			
<i>NTE02 - Description</i>	N/A	N/A	<b>School Use</b> – field reserved for school purposes only.
<i>NTE02 - Description</i>	N/A	N/A	<b>Lender Use</b> – field reserved for lender purposes only.
<i>NTE02 - Description</i>	N/A	N/A	<b>Guarantor Use</b> – field reserved for guarantor purposes only.
<b>REF LOOP</b>			
<b>REF SEGMENT</b>			
<i>REF02 - Reference Identification</i>	N/A	N/A	<b>Record Type Indicator Code</b> - a code indicating if this detail record contains new, reissued, or adjusted disbursement information.
<i>REF02 - Reference Identification</i>	N/A	N/A	<b>Loan Type Code</b> - a code indicating the program under which the loan was guaranteed.
<i>REF02 - Reference Identification</i>	N/A	N/A	<b>Alternative Loan Program Type Code</b> - a code indicating the specific category of the alternative loan.
<b>DTM SEGMENT</b>			
<i>DTM02 - Date</i>	N/A	<b>Transaction Date:</b> The date the disbursement activity occurred at the school	<b>Loan Period Begin/End Date</b> - the date range, as reported by the school, of the period covered by the loan.
<i>DTM02 - Date</i>	N/A	N/A	<b>Date Address Last Updated</b> - the date the borrower's permanent address was last updated.

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<b>RMR LOOP</b>			
<b>RMR SEGMENT</b>			
<b>RMR02 - Reference Number</b>	N/A	N/A	<b>Check Number</b> - the identification number assigned to the check for the disbursement.
<b>RMR03 - Payment Action Code</b>	N/A	<b>Disbursement Activity</b> - type of disbursement being sent to origination center.	<b>Late Disbursement Indicator Code</b> - code indicating whether the disbursement will be issued after the earlier of the loan period end date or the borrower's last date of at least half-time enrollment.
<b>RMR04 - Monetary Amount</b>	<b>Disbursement Amount</b> - amount of the disbursement	<b>Disbursement Actual Gross Amount</b> - the actual gross amount of the disbursement.	<b>Gross Disbursement Amount</b> - the gross amount of the disbursement.
<b>RMR05 - Monetary Amount</b>	<b>Disbursement Year to Date Amount</b> - total amount that has been disbursed to the student for the award year	<b>Disbursement Actual Loan Fee Amount</b> - the actual loan fee associated with the disbursement.	<b>Guarantee Amount</b> - the amount guaranteed by the guarantor.
<b>RMR06 - Monetary Amount</b>	N/A	<b>Disbursement Actual Net Amount</b> - the actual net amount of the disbursement.	<b>Net Disbursement Amount</b> - the amount issued to the borrower or school for the disbursement.
<b>REF SEGMENT</b>			
<b>REF02 - Reference Identification</b>	<b>Disbursement Reference Number</b> - number of the disbursement	<b>Disbursement Number</b> - a code identifying the disbursement.	<b>Disbursement Number</b> - a code identifying the disbursement.
<b>REF02 - Reference Identification</b>	N/A	<b>Disbursement Sequence Number</b> - the sequence number that determines the order in which this disbursement activity transaction is processed.	N/A
<b>REF02 - Reference Identification</b>	N/A	<b>Affirmation Flag</b> - this disbursement has been affirmed by the borrower at the school.	N/A
<b>DTM SEGMENT</b>			
<b>DTM02 - Date Time Period</b>	<b>Disbursement Date</b> - date this disbursement was or will be made to the student	<b>Disbursement Acknowledgment Date</b> - date this disbursement was or will be made to the student	<b>Disbursement Date</b> - the currently scheduled disbursement date for the disbursement.

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<b>DTM02 - Date Time Period</b>	N/A	N/A	<b>Guarantee Date</b> - the date the loan was guaranteed.
<b>REF LOOP</b>			
<b>REF SEGMENT</b>			
<b>REF02 - Reference Identification</b>	N/A	<b>School Code Status</b> – status of school code at LOC.	N/A
<b>REF02 - Reference Identification</b>	N/A	<b>Loan Identifier Status</b> – status of loan identifier.	N/A
<b>REF02 - Reference Identification</b>	N/A	<b>Disbursement Number Status</b> – status of disbursement number sent from LOC.	N/A
<b>REF02 - Reference Identification</b>	N/A	<b>Disbursement Activity Taken Status</b> – status of disbursement activity at the LOC.	N/A
<b>REF02 - Reference Identification</b>	N/A	<b>Transaction Date Status</b> – status of date disbursement record at LOC.	N/A
<b>REF02 - Reference Identification</b>	N/A	<b>Sequence Number Status</b> – status of the sequence number with the LOC.	N/A
<b>REF02 - Reference Identification</b>	N/A	<b>Booked Status</b> – booked status of record at the LOC.	N/A
<b>SAC LOOP</b>			
<b>SAC SEGMENT</b>			
<b>SAC01 - Allowance or Charge Indicator</b>	<b>Debit/Credit Indicator Flag</b> - indicates if the disbursement amount is a negative or a positive	<b>Debit/Credit Indicator Flag</b> - indicates if the disbursement amount is a negative or a positive	<b>Debit/Credit Indicator Flag</b> - indicates if the disbursement amount is a negative or a positive
<b>SAC05 - Allowance or Charge Indicator</b>	N/A	<b>Disbursement Actual Net Adjustment Amount</b> – the net adjusted amount of the disbursement	N/A
<b>REF LOOP</b>			

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<b>REF SEGMENT</b>			
<i>REF02 - Reference Identification</i>	N/A	<b>Booking Reject Codes</b> – indicates up to 5 two byte reasons why record was rejected by the LOC.	N/A
<b>ADX LOOP</b>			
<b>ADX SEGMENT</b>			
<i>ADX01 - Monetary Amount</i>	N/A	N/A	<b>Origination Fee</b> - for FFELP loans, the fee charged by ED to help offset the cost of administering the FFELP.
<i>ADX01 - Monetary Amount</i>	N/A	N/A	<b>Guarantee Fee</b> - the fee charged by the guarantor to the lender to help offset administrative costs for the disbursement.
<i>ADX01 - Monetary Amount</i>	N/A	N/A	<b>Total Amount of Fees Subsidized</b> - the total amount of fees subsidized on behalf of the borrower for the disbursement
<b>SAC LOOP</b>			
<b>SAC SEGMENT</b>			
<i>SAC05 - Allowance or Charge Indicator</i>	N/A	<b>Disbursement Actual Gross – LOC</b> – the LOC calculated actual gross amount of the disbursement.	N/A
<i>SAC05 - Allowance or Charge Indicator</i>	N/A	<b>Disbursement Actual Loan Fee Amount – LOC</b> – the LOC calculated actual loan fee amount.	N/A
<i>SAC05 - Allowance or Charge Indicator</i>	N/A	<b>Disbursement Actual Net Amount – LOC</b> – the LOC calculated actual net amount of the disbursement.	N/A

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	<b>PELL</b> (1999-2000 CDSI Version)	<b>DIRECT LOAN</b> (1999-2000 Version)	<b>FFELP</b> (CommonLine Version 3.0)
<i>SAC05 - Allowance or Charge Indicator</i>	N/A	<b>Disbursement Actual Net Adjustment - LOC</b> – the LOC calculated actual net adjusted amount	N/A
<b>NTE SEGMENT</b>			
<i>NTE02 - Description</i>	<b>Edit/Comment Codes</b> - three digit codes indicating the results of Federal Pell Grant processing.	N/A	<b>Error Code Field #1</b> - contains the first error code from the transaction.
<i>NTE02 - Description</i>	N/A	N/A	<b>Error Code Field #2</b> - contains the second error code from the transaction.
<i>NTE02 - Description</i>	N/A	N/A	<b>Error Code Field #3</b> – contains the third error code from the transaction.
<i>NTE02 - Description</i>	N/A	N/A	<b>Error Code Field #4</b> - contains the fourth error code from the transaction.
<i>NTE02 - Description</i>	N/A	N/A	<b>Error Code Field #5</b> - contains the fifth error code from the transaction.
<b>AMT LOOP</b>			
<b>AMT SEGMENT</b>			
<i>AMT02 - Monetary Amount</i>	<b>Accepted and Corrected Total of Batch:</b> The total accepted and corrected amount included in this transaction	<b>Loan Origination Center's Total Net Loan Amount:</b> The total net amount of loans included in this transaction	<b>Total Net Loan Amount:</b> The total net amount of loans included in this transaction
<i>AMT03 - Debit/Credit Flag Code</i>	<b>Accepted and Corrected Total Sign Indicator</b> - Flag indicating if accepted and corrected total is a debit or a credit	<b>Debit/Credit Flag</b> - Flag indicating if Loan Origination Center's Total Net Loan Amount is a debit or a credit	<b>Debit/Credit Flag</b> - Flag indicating if Total Net Loan Amount is a debit or a credit



## **2.3 DETAIL TECHNICAL SPECIFICATIONS**

### **2.3.1 Pell Program**

#### **2.3.1.1 Pell to EDI Data Element Cross-Reference**

The following matrix is a cross reference of the data elements currently used in the Pell program to the suggested elements in the Payment Order/Remittance Advice EDI transaction set. This matrix is a reference guide only and does not contain other required EDI elements and qualifiers necessary for the transaction set.

##### *Column Definitions*

- **Field Number** - the Pell numeric field number.
- **Field Length** - the number of bytes currently allowed for this field in the Pell application.
- **Field Type** - the character data type defined for this field. (note: this information is currently not available)
- **Required Field?** - indicates whether a blank field is valid or not. (note: this information is currently not available)
- **Description/Name** - the Pell name or description for the field
- **Loop ID** - the loop identifier as defined by the EDI transaction set.
- **Data Element** - the unique element number consisting of the concatenated segment and element numbers as defined by the EDI transaction set.
- **ID** - the element identification number as defined by the EDI transaction set.
- **Element Name** - the EDI name for the field.
- **Req.** - indicates whether a blank field is valid or not based on EDI transaction set requirements.
  - 1. M - Mandatory
  - 2. C - Conditional
  - 3. O - Optional
- **Type** - the character type required for this field as defined by the EDI transaction set.
  - 1. AN - alpha-numeric
  - 2. ID - Identifier
  - 3. R - Decimal
  - 4. DT - Date
  - 5. N2 - Numeric
  - 6. TM - Time

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- **MIN/MAX** - the minimum and maximum bytes available for the field as defined by the EDI transaction set.
- **Comments** - general notes about the mapping of the Pell transaction to the EDI transaction.

### HEADER

<i><b>PAYMENT RECORD REQUIREMENT</b></i>					<i><b>EDI TRANSACTION ELEMENT</b></i>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
1	10	A	Y	Header Identifier								Translator will hard code 'Grant Hdr'
2	4	N	Y	Data Record Length								Translator will hard code '200'
3	8	A	Y	Message Class								Translator will hard code 'PGDA000P'
4	28	A	Y	Batch Number	HDR	REF02	127	Reference Identification	C	AN	1/30	
5	7	A/N	Y	Destination Mailbox ID	ENV	ISA08	I08	Interchange Receiver ID	M	AN	15/15	
6	11	A/N	N	Grantee Duns Number	ENV	GS02	142	Application Sender's Code	M	AN	2/15	
7	11	N	N	Financial Aid Servicer Identifier	N1	N104	67	Identification Code	C	AN	2/80	
8	1	A	N	Output Media Type								Not applicable to EDI
9	7	A/N	Y	ED Use								Not applicable to EDI
10	24	N	N	Batch Reject Reasons								Not applicable to EDI

### RECORD

<i><b>DISBURSEMENT REQUIREMENT</b></i>					<i><b>EDI TRANSACTION ELEMENT</b></i>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
1	25	AN	Y	Origination ID	NM1	REF02	127	Reference Identification	C	AN	1/30	
2	13	A	N	Institution Cross-Reference	NM1	REF02	127	Reference Identification	C	AN	1/30	
3	1	A	Y	Action Code/Status	NM1	REF02	127	Reference Identification	C	AN	1/30	
4	2	N	Y	Disbursement Reference Number	REF	REF02	127	Reference Identification	C	AN	1/30	
5	1	A	Y	Debit/Credit Indicator Flag	SAC	SAC01	248	Allowance or Charge Indicator	M	ID	1/1	
6	5	N	Y	Disbursement Amount	RMR	RMR04	782	Monetary Amount	O	R	1/18	
7	5	N	Y	Disbursement Date	RMR	DTM02	373	Date	C	DT	8/8	

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### RECORD

<i><b>DISBURSEMENT REQUIREMENT</b></i>					<i><b>EDI TRANSACTION ELEMENT</b></i>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
8	5	N	N	Disbursement Year to Date Amount	RMR	RMR04	782	Monetary Amount	O	R	1/18	
9	75	N	N	Edit/Comment codes	SAC	NTE02	352	Description	M	AN	1/80	
				Student's Bank Account Number	REF	REF02	127	Reference Identification	C	AN	1/30	Additional required fields not included in original file layout
				Fund Source Bank Account Number	REF	REF02	127	Reference Identification	C	AN	1/30	Additional required fields not included in original file layout
				School Bank Account Number	REF	REF02	127	Reference Identification	C	AN	1/30	Additional required fields not included in original file layout

### TRAILER

<i><b>PELL ORIGINATION RECORD</b></i>					<i><b>EDI TRANSACTION ELEMENT</b></i>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
1	10	A	Y	Trailer Identifier								Translator will hard code 'Grant TLR'
2	4	N	Y	Data Record Length								Translator will hard code '200'
3	28	A	Y	Batch Number	HDR	REF02	127	Reference Identification	C	AN	1/30	
4	6	N	Y	Reported Number of Records								Not applicable to EDI
5	11	N	Y	Reported Total of Batch								Not applicable to EDI
6	1	A	Y	Reported Total Sign Indicator								Not applicable to EDI
7	6	N	Output	Accepted Number of Records								Not applicable to EDI
8	11	N	Output	Accepted and Corrected Total of Batch	AMT	AMT02	782	Monetary Amount	M	R	1/18	
9	1	A	Output	Accepted and Corrected Total Sign Indicator	AMT	AMT03	478	Credit/Debit Flag Code	O	ID	1/1	

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#### 2.3.1.2 Sample Disbursement Record Cross-Reference from EDI to the Pell Element (EDI X.12 Version 4010)

The following matrix provides the reader with the suggested mapping structure for the Payment Order/Remittance Advice EDI transaction set including all required qualifiers. The structure flow is in accordance with the X12.820 transaction set. The value column shows the suggested qualifier number to be used with the corresponding data element. A '-' in the value column indicates that the FFELP file value will be populated in this field.

<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>Pell Element Name</i>	<i>Value</i>	<i>Comments</i>
ENV	ISA	01	Authorization Information Qualifier	M	N/A	'00' - No authorization information present	Translator provided
		02	Authorization Information	M	N/A	Blank	Translator provided
		03	Security Information Qualifier	M	N/A	'01' - No security information present	Translator provided
		04	Security Information	M	N/A	Blank	Translator provided
		05	Interchange ID Qualifier	M	N/A	'01' - Duns	Translator provided
		06	Interchange Sender ID	M	N/A	-	School Code
		07	Interchange ID Qualifier	M	N/A	'01' - Duns	Translator provided
		08	Interchange Receiver ID	M	Destination Mailbox ID	-	Servicer/Lender Duns number
		09	Interchange Date	M	N/A	-	Translator provided
		10	Interchange Time	M	N/A	-	Translator provided
		11	Interchange Control Standards Identifier	M	N/A	'U' - US EDI Community of ASCX12, TDCC, and UCS	Translator provided
		12	Interchange Control Version Number	M	N/A	'00402'	Translator provided
		13	Interchange Control Number	M	N/A	-	Translator provided
		14	Acknowledgment Requested	M	N/A	'1' - Interchange acknowledgment requested	Translator provided
		15	Usage Indicator	M	N/A	'P' - Production data	Translator provided
		16	Component Element Separator	M	N/A	-	Translator provided
	GS	01	Functional Identifier Code	M	N/A	'RA' - Payment Order Remittance Advice	Translator provided
		02	Application Sender's Code	M	Grantee DUNS Number	-	School Code
		03	Application Receiver's Code	M	N/A	-	Servicer/Lender Duns number
		04	Date	M	N/A	-	Translator provided
		05	Time	M	N/A	-	Translator provided
		06	Group Control Number	M	N/A	-	Translator provided
		07	Responsible Agency Code	M	N/A	'X' - Accredited standards committee X12	Translator provided

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<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>Pell Element Name</i>	<i>Value</i>	<i>Comments</i>
		08	Version/Release/Industry Identifier Code	M	N/A	'00402'	Translator provided
HDR	ST	01	Transaction Set Identifier Code	M	N/A	'820' - Payment Order/Remittance Advice	Mandatory EDI element not used in the application; value will be hard-coded.
		02	Transaction Set Control Number	M	N/A	-	Mandatory EDI element not used in the application; value will be hard-coded.
	BPR	01	Transaction Handling Code	M	N/A	'Z' - Mutually defined	Mandatory EDI element not used in the application; value will be hard-coded.
		02	Monetary Amount	M	N/A	'0'	Mandatory EDI element not used in the application; value will be hard-coded.
		03	Credit/Debit Flag	M	N/A	'C' - Credit	Mandatory EDI element not used in the application; value will be hard-coded.
		04	Payment Method Code	M	N/A	'ZZZ' - Mutually defined	Mandatory EDI element not used in the application; value will be hard-coded.
	REF	01	Reference Identification Qualifier	C	N/A	'BT' - Batch number	Mandatory EDI qualifier
		02	Reference Identification	C	Batch Number	-	None
N1	N1	01	Entity Identifier Code	M	N/A	'LV' - Loan servicer	Mandatory EDI qualifier
		03	Identification Code Qualifier	C	N/A	'1' - DUNS number	Mandatory EDI qualifier
		04	Identification Code	C	Financial Aid Servicer DUNS or Pell assigned Number	-	May be DUNS or Pell assigned number
NM1	REF	01	Reference Identification Qualifier	C	N/A	'LD' - Loan number	Mandatory EDI qualifier
		02	Reference Identification	C	Origination ID	-	None
		01	Reference Identification Qualifier	C	N/A	'11' - Account number	Mandatory EDI qualifier
		02	Reference Identification	C	Student Bank Account Number	-	None
		03	Description	C	N/A	'Student'	Optional EDI qualifier specifying student's account number
		01	Reference Identification Qualifier	C	N/A	'11' - Account number	Mandatory EDI qualifier
		02	Reference Identification	C	Fund Source Bank Account Number	-	None
		03	Description	C	N/A	'Fund Source'	Optional EDI qualifier specifying fund source's account number
		01	Reference Identification Qualifier	C	N/A	'11' - Account number	Mandatory EDI qualifier
		02	Reference Identification	C	School Bank Account Number	-	None
		03	Description	C	N/A	'School'	Optional EDI qualifier specifying school's account number

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<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>Pell Element Name</i>	<i>Value</i>	<i>Comments</i>
		01	Reference Identification Qualifier	C	N/A	'60' - Cross reference number	Mandatory EDI qualifier
		02	Reference Identification	C	Institution Cross Reference	-	None
		01	Reference Identification Qualifier	C	N/A	'ACC' - Status	Mandatory EDI qualifier
		02	Reference Identification	C	Action Code/Status	-	None
RMR	RMR	04	Monetary Amount	O	Disbursement Amount	-	None
		05	Monetary Amount	O	Disbursement Year to Date Amount	-	None
	REF	01	Reference Identification Qualifier	C	N/A	'NP' - Partial payment number	Mandatory EDI element
		02	Reference Identification	C	Disbursement Reference Number	-	None
	DTM	01	Date Time Qualifier	M	N/A	'325' - Disbursement date	Mandatory EDI qualifier
		02	Date	C	Disbursement Date	-	None
SAC	SAC	01	Reference Identification Qualifier	C	Debit/Credit Indicator Flag	'C' - Charge 'N' - No allowance or charge	None
	NTE	02	Description	M	Edit/Comment Codes	-	None
AMT	AMT	01	Amount Qualifier Code	M	N/A	'2' - Batch total	Mandatory EDI qualifier
		02	Monetary Amount	M	Accepted and Corrected Total of Batch	-	None
		03	Debit/Credit Flag Code	O	Accepted and Corrected Total Sign Indicator	'C' - Credit 'D' - Debit	None

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#### 2.3.2 Direct Loan Program

##### 2.3.2.1 Direct Loan to EDI Data Element Cross-Reference

The following matrix is a cross reference of the data elements currently used in the Direct Loan program to the suggested elements in the Payment Order/Remittance Advice EDI transaction set. This matrix is a reference guide only and does not contain other required EDI elements and qualifiers necessary for the transaction set.

##### *Column Definitions*

- **Field Number** - the Direct Loan numeric field number.
- **Field Length** - the number of bytes currently allowed for this field in the Direct Loan application.
- **Field Type** - the character data type defined for this field.
- **Required Field?** - indicates whether a blank field is valid or not. (currently this information is not available)
- **Description/Name** - the FFELP name or description for the field
- **Loop ID** - the loop identifier as defined by the EDI transaction set.
- **Data Element** - the unique element number consisting of the concatenated segment and element numbers as defined by the EDI transaction set.
- **ID** - the element identification number as defined by the EDI transaction set.
- **Element Name** - the EDI name for the field.
- **Req.** - indicates whether a blank field is valid or not based on EDI transaction set requirements.
  - 1. M - Mandatory
  - 2. C - Conditional
  - 3. O - Optional
- **Type** - the character type required for this field as defined by the EDI transaction set.
  - 1. AN - alpha-numeric
  - 2. ID - Identifier
  - 3. R - Decimal
  - 4. DT - Date
  - 5. N2 - Numeric
  - 6. TM - Time
- **MIN/MAX** - the minimum and maximum bytes available for the field as defined by the EDI transaction set.
- **Comments** - general notes about the mapping of the Direct Loan transaction to the EDI transaction.

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**RECORD**

<b>PAYMENT RECORD REQUIREMENT</b>					<b>EDI TRANSACTION ELEMENT</b>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/ MAX	Comments
1	21			Loan Identifier	NM1	REF02	127	Reference Identification	C	AN	1/30	
2	1			Disbursement Number	REF	REF02	127	Reference Identification	C	AN	1/30	
3	1			Disbursement Activity	RMR	RMR03	482	Payment Action Code	C	ID	2/3	
4	8			Transaction Date	REF	DTM02	373	Date	C	DT	8/8	
5	2			Disbursement Sequence Number	REF	REF02	127	Reference Identification	C	AN	1/30	
6	5			Disbursement Actual Gross Amount	RMR	RMR04	782	Monetary Amount	O	R	1/18	
7	5			Disbursement Actual Loan Fee Amount	RMR	RMR05	782	Monetary Amount	O	R	1/18	
8	5			Disbursement Actual Net Amount	RMR	RMR06	782	Monetary Amount	O	R	1/18	
9	5			Disbursement Actual Net Adjustment Amount	SAC	SAC05	610	Amount	O	N2	1/15	
10	8			User Identifier Create	HDR	REF02	127	Reference Identification	C	AN	1/30	
11	17			Disbursement Batch Number	HDR	REF02	127	Reference Identification	C	AN	1/30	
12	6			School Code	ENT	ENT04	67	Identification Code	C	AN	2/80	
13	1			School Code Status	REF	REF02	127	Reference Identification	C	AN	1/30	
14	1			Loan Identifier Status	REF	REF02	127	Reference Identification	C	AN	1/30	
15	1			Disbursement Number Status	REF	REF02	127	Reference Identification	C	AN	1/30	
16	10			Disbursement Activity Taken Status	REF	REF02	127	Reference Identification	C	AN	1/30	
17	1			Transaction Date Status	REF	REF02	127	Reference Identification	C	AN	1/30	
18	1			Sequence Number Status	REF	REF02	127	Reference Identification	C	AN	1/30	
19	5			Disbursement Actual Gross - LOC	SAC	SAC05	610	Amount	O	N2	1/15	
20	5			Disbursement Actual Loan Fee Amount - LOC	SAC	SAC05	610	Amount	O	N2	1/15	
21	5			Disbursement Actual Net Amount - LOC	SAC	SAC05	610	Amount	O	N2	1/15	
22	6			Disbursement Actual Net Adjustment - LOC	SAC	SAC05	610	Amount	O	N2	1/15	
23	1			Booked Status	REF	REF02	127	Reference Identification	C	AN	1/30	
24	10			Booking Reject Codes	REF	REF02	127	Reference Identification	C	AN	1/30	
25	5			Origination Center's Total Net Loan Amount	AMT	AMT02	782	Monetary Amount	M	R	1/18	

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**RECORD**

<b><i>PAYMENT RECORD REQUIREMENT</i></b>					<b><i>EDI TRANSACTION ELEMENT</i></b>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
26	8			Disbursement Acknowledgment Date	RMR	DTM02	373	Date	C	DT	8/8	
27	1			Affirmation Flag	RMR	REF02	127	Reference Identification	C	AN	1/30	
				Student's Bank Account Number	REF	REF02	127	Reference Identification	C	AN	1/30	Additional required fields not included in original file layout
				Fund Source Bank Account Number	REF	REF02	127	Reference Identification	C	AN	1/30	Additional required fields not included in original file layout
				School Bank Account Number	REF	REF02	127	Reference Identification	C	AN	1/30	Additional required fields not included in original file layout

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#### 2.3.2.2 Sample Disbursement Record Cross-Reference from EDI to the Direct Loan Element (EDI X.12 Version 4010)

The following matrix provides the reader with the suggested mapping structure for the Payment Order/Remittance Advice EDI transaction set including all required qualifiers. The structure flow is in accordance with the X12.820 transaction set. The value column shows the suggested qualifier number to be used with the corresponding data element. A '-' in the value column indicates that the Direct Loan file value will be populated in this field.

<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>Direct Loan Element Name</i>	<i>Value</i>	<i>Comments</i>
ENV	ISA	01	Authorization Information Qualifier	M	N/A	'00' - No authorization information present	Translator provided
		02	Authorization Information	M	N/A	Blank	Translator provided
		03	Security Information Qualifier	M	N/A	'01' - No security information present	Translator provided
		04	Security Information	M	N/A	Blank	Translator provided
		05	Interchange ID Qualifier	M	N/A	'01' - Duns	Translator provided
		06	Interchange Sender ID	M	N/A	-	School Code
		07	Interchange ID Qualifier	M	N/A	'01' - Duns	Translator provided
		08	Interchange Receiver ID	M	N/A	-	Servicer/Lender Duns number
		09	Interchange Date	M	N/A	-	Translator provided
		10	Interchange Time	M	N/A	-	Translator provided
		11	Interchange Control Standards Identifier	M	N/A	'U' - US EDI Community of ASCX12, TDCC, and UCS	Translator provided
		12	Interchange Control Version Number	M	N/A	'00402'	Translator provided
		13	Interchange Control Number	M	N/A	-	Translator provided
		14	Acknowledgment Requested	M	N/A	'1' - Interchange acknowledgment requested	Translator provided
		15	Usage Indicator	M	N/A	'P' - Production data	Translator provided
		16	Component Element Separator	M	N/A	-	Translator provided
	GS	01	Functional Identifier Code	M	N/A	'RA' - Payment Order Remittance Advice	Translator provided
		02	Application Sender's Code	M	Source ID	-	G&E School Code
		03	Application Receiver's Code	M	Recipient ID	-	G&E School Code
		04	Date	M	N/A	-	Translator provided
		05	Time	M	N/A	-	Translator provided
		06	Group Control Number	M	N/A	-	Translator provided
		07	Responsible Agency Code	M	N/A	'X' - Accredited standards committee X12	Translator provided

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<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>Direct Loan Element Name</i>	<i>Value</i>	<i>Comments</i>
		08	Version/Release/Industry Identifier Code	M	N/A	'00402'	Translator provided
HDR	ST	01	Transaction Set Identifier Code	M	N/A	'820' - Payment Order/Remittance Advice	Translator provided
		02	Transaction Set Control Number	M	N/A	-	Translator provided
	BPR	01	Transaction Handling Code	M	N/A	'Z' - Mutually defined	Mandatory EDI element not used in the application; value will be hard-coded.
		02	Monetary Amount	M	N/A	'0'	Mandatory EDI element not used in the application; value will be hard-coded.
		03	Credit/Debit Flag	M	N/A	'C' - Credit	Mandatory EDI element not used in the application; value will be hard-coded.
		04	Payment Method Code	M	N/A	'ZZZ' - Mutually defined	Mandatory EDI element not used in the application; value will be hard-coded.
	REF	01	Reference Identification Qualifier	C	N/A	'BT' - Batch number	Mandatory EDI qualifier
		02	Reference Identification	C	Disbursement Batch Number	-	None
		01	Reference Identification Qualifier	C	N/A	'JD' - User identification	Mandatory EDI qualifier
		02	Reference Identification	C	User Identifier Create	-	None
ENT	ENT	02	Entity Identifier Code	C	N/A	'IR' - University, College , or school	Mandatory EDI qualifier
		03	Identification Code Qualifier	C	N/A	'DS' - US Dept. of Education school identification code	Mandatory EDI qualifier
		04	Identification Code	C	School Code	-	None
NM1	REF	01	Reference Identification Qualifier	C	N/A	'8F' - School loan number	Mandatory EDI qualifier
		02	Reference Identification	C	Loan Identifier	-	None
		01	Reference Identification Qualifier	C	N/A	'11' - Account number	Mandatory EDI qualifier
		02	Reference Identification	C	Student Bank Account Number	-	None
		03	Description	C	N/A	'Student'	Optional EDI qualifier specifying student's account number
		01	Reference Identification Qualifier	C	N/A	'11' - Account number	Mandatory EDI qualifier
		02	Reference Identification	C	Fund Source Bank Account Number	-	None
		03	Description	C	N/A	'Fund Source'	Optional EDI qualifier specifying fund source's account number
		01	Reference Identification Qualifier	C	N/A	'11' - Account number	Mandatory EDI qualifier
		02	Reference Identification	C	School Bank Account Number	-	None

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<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>Direct Loan Element Name</i>	<i>Value</i>	<i>Comments</i>
		03	Description	C	N/A	'School'	Optional EDI qualifier specifying school's account number
REF	DTM	01	Date/Time Qualifier	M	N/A	'097' – Transaction creation	Mandatory EDI qualifier
		02	Date	C	Transaction Date	-	None
RMR	RMR	03	Payment Action Code	C	Disbursement Activity	-	None
		04	Monetary Amount	O	Disbursement Actual Gross Amount	-	None
		05	Monetary Amount	O	Disbursement Actual Loan Fee Amount	-	None
		05	Monetary Amount	O	Disbursement Actual Net Amount	-	None
REF	REF	01	Reference Identification Qualifier	C	N/A	'NP' - Partial payment number	Mandatory EDI qualifier
		02	Reference Identification	C	Disbursement Number	-	None
		01	Reference Identification Qualifier	C	N/A	'55' – Sequence number	Mandatory EDI qualifier
		02	Reference Identification	C	Disbursement Sequence Number	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Affirmation Flag'
		02	Reference Identification	C	Affirmation Flag	-	None
	DTM	01	Date/Time Qualifier	M	N/A	'ACK' - Acknowledgment	Mandatory EDI qualifier
		02	Date	C	Disbursement Acknowledgment Date	-	None
REF	REF	01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'School Code Status'
		02	Reference Identification	C	School Code Status	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Loan Identifier Status'
		02	Reference Identification	C	Loan Identifier Status	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Disbursement Number Status'
		02	Reference Identification	C	Disbursement Number Status	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Disbursement Activity Taken Status'
		02	Reference Identification	C	Disbursement Activity Taken Status	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Disbursement Activity Taken Status'
		02	Reference Identification	C	Disbursement Activity Taken Status	-	None

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<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>Direct Loan Element Name</i>	<i>Value</i>	<i>Comments</i>
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Transaction Date Status'
		02	Reference Identification	C	Transaction Date Status	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Sequence Number Status'
		02	Reference Identification	C	Sequence Number Status	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Booked Status'
		02	Reference Identification	C	Booked Status	-	None
SAC	SAC	01	Acknowledge or Charge Indicator	C	Debit/Credit Indicator Flag	'C' - Charge 'N' - No allowance or charge	None
		02	Service, Promotion, Allowance, or Charge Code	C	N/A	'A130' - Adjustments	None
		05	Amount	O	Disbursement Actual Net Adjustment Amount	-	None
REF	REF	01	Reference Identification Qualifier	C	N/A	'1Q' - Error	Mandatory EDI qualifier
		02	Reference Identification	C	Booking Reject Codes	-	None
SAC	SAC	01	Acknowledge or Charge Indicator	C	Debit/Credit Indicator Flag	'C' - Charge 'N' - No allowance or charge	None
		02	Service, Promotion, Allowance, or Charge Code	C	N/A	TBD	New EDI code needs to be added for 'Gross Amount'
		05	Amount	O	Disbursement Actual Gross Amount - LOC	-	None
		01	Acknowledge or Charge Indicator	C	Debit/Credit Indicator Flag	'C' - Charge 'N' - No allowance or charge	None
		02	Service, Promotion, Allowance, or Charge Code	C	N/A	'E420'	Mandatory EDI qualifier
		05	Amount	O	Disbursement Actual Loan Fee Amount - LOC	-	None
		01	Acknowledge or Charge Indicator	C	Debit/Credit Indicator Flag	'C' - Charge 'N' - No allowance or charge	None
		02	Service, Promotion, Allowance, or Charge Code	C	N/A	TBD	New EDI code needs to be added for 'Net Amount'
		05	Amount	O	Disbursement Actual Net Amount - LOC	-	None
		01	Acknowledge or Charge Indicator	C	Debit/Credit Indicator Flag	'C' - Charge 'N' - No allowance or charge	None

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<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>Direct Loan Element Name</i>	<i>Value</i>	<i>Comments</i>
		02	Service, Promotion, Allowance, or Charge Code	C	N/A	TBD	New EDI code needs to be added for 'Net Adjustments Amount'
		05	Amount	O	Disbursement Actual Net Adjustments Amount - LOC	-	None
AMT	AMT	01	Amount Qualifier Code	M	N/A	'2' - Batch total	Mandatory EDI qualifier
		02	Monetary Amount	M	Loan Origination Center's Total Net Loan Amount	-	None
		03	Debit/Credit Flag Code	O	Debit/Credit Flag	'C' - Credit 'D' - Debit	None

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### **2.3.3 FFELP Program**

#### **2.3.3.1 FFELP to EDI Data Element Cross-Reference**

The following matrix is a cross reference of the data elements currently used in the FFELP program to the suggested elements in the Payment Order/Remittance Advice EDI transaction set. This matrix is a reference guide only and does not contain other required EDI elements and qualifiers necessary for the transaction set.

##### *Column Definitions*

- **Field Number** - the FFELP numeric field number as defined by CommonLine.
- **Field Length** - the number of bytes currently allowed for this field in the FFELP application.
- **Field Type** - the character data type defined for this field. (note: this information is currently not available)
- **Required Field?** - indicates whether a blank field is valid or not.
  - 1. R - Required
  - 2. R1 - Required based on conditions
  - 3. S - Strongly Recommended
  - 4. O - Optional
- **Description/Name** - the FFELP name or description for the field
- **Loop ID** - the loop identifier as defined by the EDI transaction set.
- **Data Element** - the unique element number consisting of the concatenated segment and element numbers as defined by the EDI transaction set.
- **ID** - the element identification number as defined by the EDI transaction set.
- **Element Name** - the EDI name for the field.
- **Req.** - indicates whether a blank field is valid or not based on EDI transaction set requirements.
  - 1. M - Mandatory
  - 2. C - Conditional
  - 3. O - Optional
- **Type** - the character type required for this field as defined by the EDI transaction set.
  - 1. AN - alpha-numeric
  - 2. ID - Identifier
  - 3. R - Decimal
  - 4. DT - Date
  - 5. N2 - Numeric



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6. TM - Time

- **MIN/MAX** - the minimum and maximum bytes available for the field as defined by the EDI transaction set.
- **Comments** - general notes about the mapping of the FFELP transaction to the EDI transaction.

### HEADER

<i><b>DISBURSEMENT REQUIREMENT</b></i>					<i><b>EDI TRANSACTION ELEMENT</b></i>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
1	2		R	Record Code								Not Applicable to EDI.
2	12		O	Batch ID								Not Applicable to EDI
3	8		R	File Creation Date (CCYYMMDD)	ENV	GS04	373	Date	M	DT	8/8	
4	6		R	File Creation Time (HHMMSS)	ENV	GS05	337	Time	M	TM	4/8	
5	8		R	File Transmission Date (CCYYMMDD)	ENV	ISA09	I08	Interchange Date	M	DT	6/6	
6	6		O	File Transmission Time (HHMMSS)	ENV	ISA10	I09	Interchange Time	M	TM	4/4	
7	19		R	File Identifier Name								Not Applicable to EDI.
8	5		R	File Identifier Code	HDR	REF02	127	Reference identification	C	AN	1/30	
9	32		R	Source Name	N1	N102	93	Name	C	AN	1/60	
10	8		R	Source ID	N1	N104	67	Identification Code	C	AN	2/20	
12	4		R1	Source Non-ED Branch ID	N1	REF02	127	Reference identification	C	AN	1/30	
13	1		R	Source Type Code	N1	N101	98	Entity Identifier Code	M	ID	2/3	
14	32		R	Recipient Name	N1	N102	93	Name	C	AN	1/2	
15	8		R	Recipient ID	N1	N104	67	Identification Code	C	AN	2/20	
17	4		R1	Recipient Non-ED Branch ID	N1	REF02	127	Reference identification	C	AN	1/30	
18	1		R	Media Type Code								Not Applicable to EDI.
20	1		R	Record Terminator								Not applicable to EDI.

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## RECORD

<b>DISBURSEMENT REQUIREMENT</b>					<b>EDI TRANSACTION ELEMENT</b>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
1	2		R	Record Code								Not applicable to EDI.
2	1		R	Record Type Indicator Code	REF	REF02	127	Reference number	C	AN	1/30	
3	17		R	CommonLine Unique Identifier								Not Applicable for EDI; information already in detail section
4	2		R	Loan ID & Sequence Number	NM1	REF02	127	Reference number	C	AN	1/30	
5	35		R	Borrower Last Name	NM1	NM103	1035	Name Last or Organization Name	O	AN	1/35	
6	12		R	Borrower First Name	NM1	NM104	1036	Name First	O	AN	1/25	
7	1		R1	Borrower Middle Initial	NM1	NM105	1037	Name Middle	O	AN	1/25	
8	9		R	Borrower SSN	NM1	NM109	67	Identification Code	C	AN	2/20	
9	30		R	Borrower Address (line 1)	NM1	N301	166	Address information	M	AN	1/55	
10	30		R1	Borrower Address (line 2)	NM1	N302	166	Address Continuation	O	AN	1/55	
11	24		R	Borrower City	NM1	N401	19	City Name	O	AN	2/30	
13	2		R	Borrower State	NM1	N402	156	State or Providence Code	O	ID	2/2	
14	5		R1	Borrower Zip Code	NM1	N403	116	Postal Code	O	ID	3/15	EDI combines the zipcode and suffix into a single field.
15	4		R1	Borrower Zip Code Suffix								EDI combines the zipcode and suffix into a single field.
16	8		S	Date Address last Updated (CCYYMMDD)	REF	DTM02	373	Date	C	DT	8/8	
17	1		R1	EFT Authorization Code	NM1	REF02	127	Reference number	C	AN	1/30	
18	35		R1	PLUS/Alternative Student Last Name	NM1	NM103	1035	Name Last or Organization Name	O	AN	1/35	
19	12		R1	PLUS/Alternative Student First Name	NM1	NM104	1036	Name First	O	AN	1/25	
20	1		R1	PLUS/Alternative Student Middle Initial	NM1	NM105	1037	Name Middle	O	AN	1/25	
21	9		R1	PLUS/Alternative Student SSN	NM1	NM109	67	Identification Code	C	AN	2/20	
22	8		R	School ID	NM1	REF02	127	Reference number	C	AN	1/30	
23	2		R1	School Designated Branch/Division Code	NM1	REF02	127	Reference number	C	AN	1/30	
24	23		O	School Use Only	ADX	NTE02	352	Description	M	AN	1/80	
25	8		R	Loan Period Begin Date (CCYYMMDD)	REF	DTM02	373	Date	C	DT	8/8	
26	8		R	Loan Period End Date (CCYYMMDD)								Combined with field 25 as a range

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## RECORD

<b>DISBURSEMENT REQUIREMENT</b>					<b>EDI TRANSACTION ELEMENT</b>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
27	2		R	Loan Type Code	REF	REF02	127	Reference identification	C	AN	1/30	
28	3		R1	Alternative Loan Program Type Code	REF	REF02	127	Reference identification	C	AN	1/30	
29	6		R	Lender ID	ENT	ENT04	67	Identification Code	C	AN	2/20	
30	4		R1	Lender Branch ID	ENT	ENT09	127	Reference identification	C	AN	1/30	
31	20		O	Lender Use Only	ADX	NTE02	352	Description	M	AN	1/80	
33	8		R	Disbursement Date (CCYYMMDD)	RMR	DTM02	373	Date	C	DT	8/8	
34	1		R	Disbursement Number	RMR	REF02	127	Reference number	C	AN	1/30	
35	1		R	Total Number of Scheduled Disbursements								Not applicable to EDI
36	3		R	Guarantor ID	NM1	REF02	127	Reference number	C	AN	1/30	
37	23		O	Guarantor Use Only	ADX	NTE02	352	Description	M	AN	1/80	
38	8		R	Guarantee Date (CCYYMMDD)	RMR	DTM02	373	Date	C	DT	8/8	
39	5		R	Guarantee Amount	RMR	RMR05	782	Monetary Amount	O	R	1/18	
40	7		R	Gross Disbursement Amount	RMR	RMR04	782	Monetary Amount	O	R	1/18	
41	7		R1	Origination Fee	ADX	ADX01	782	Monetary Amount	M	R	1/18	
42	7		R1	Guarantee Fee	ADX	ADX01	782	Monetary Amount	M	R	1/18	
43	7		R	Net Disbursement Amount	RMR	RMR06	782	Monetary Amount	O	R	1/18	
44	1		R	Funds Distribution Method Code	HDR	BPR04	591	Payment Method Code	M	ID	3/3	
45	15		R1	Check Number	RMR	RMR02	127	Reference number	C	AN	1/30	
46	1		R	Late Disbursement Indicator Code	RMR	RMR03	482	Payment Action Code	O	ID	2/2	
47	1		R	Previously Reported Indicator Code								Not applicable to EDI
48	3		R1	Error Message Code 1	ADX	NTE	02	Description	M	AN	1/80	
49	3		R1	Error Message Code 2	ADX	NTE	02	Description	M	AN	1/80	
50	3		R1	Error Message Code 3	ADX	NTE	02	Description	M	AN	1/80	
51	3		R1	Error Message Code 4	ADX	NTE	02	Description	M	AN	1/80	
52	3		R1	Error Message Code 5	ADX	NTE	02	Description	M	AN	1/80	
53	7		R1	Fees Paid								Not Applicable to EDI.
54	15		R	Lender Name	ENT	ENT07	67	Identification Code	C	AN	2/80	
55	7		R	Net Cancellation Amount								Not Applicable to EDI.
57	1		R	Record Terminator								Not Applicable to EDI.
				Student's Bank Account Number	REF	REF02	127	Reference Identification	C	AN	1/30	Additional required fields not included in original file layout

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**RECORD**

<b><i>DISBURSEMENT REQUIREMENT</i></b>					<b><i>EDI TRANSACTION ELEMENT</i></b>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
				Fund Source Bank Account Number	REF	REF02	127	Reference Identification	C	AN	1/30	Additional required fields not included in original file layout
				School Bank Account Number	REF	REF02	127	Reference Identification	C	AN	1/30	Additional required fields not included in original file layout
				Total Amount of Fees Subsidized	ADX	ADX01	782	Monetary Amount	M	R	1/18	Additional required fields not included in original file layout
				Total Net Loan Amount	AMT	AMT02	782	Monetary Amount	M	R	1/18	Additional required fields not included in original file layout
				Source ID (DUNS)	N1	N104	67	Identification Code	C	AN	2/20	Additional required fields not included in original file layout
				Recipient ID (DUNS)	N1	N104	67	Identification Code	C	AN	2/20	Additional required fields not included in original file layout
				School ID (DUNS)	NM1	REF02	127	Reference number	C	AN	1/30	Additional required fields not included in original file layout
				Guarantor ID (DUNS)	NM1	REF02	127	Reference number	C	AN	1/30	Additional required fields not included in original file layout

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**TRAILER**

<b>DISBURSEMENT REQUIREMENT</b>					<b>EDI TRANSACTION ELEMENT</b>							
Field Number	Field Length	Field Type	Required Field?	Description/Name	Loop ID	Data Element	ID	Element Name	Req	Type	MIN/MAX	Comments
1	2		R	Record Code								Not Applicable to EDI.
2	6		R	Disbursement (@1) Detail Record Count								Not Applicable to EDI.
3	14		R1	Total Net Disbursement Amount								Not Applicable to EDI.
4	14		R1	Total Net EFT Amount								Not Applicable to EDI.
5	14		R1	Total Net Non-EFT Amount								Not Applicable to EDI.
6	14		R1	Total Reissue Amount								Not Applicable to EDI.
7	6		R1	Unique Supplemental (@2) Detail Record Count								Not Applicable to EDI.
8	6		R1	Special Messages (@3) Detail Record Count								Not Applicable to EDI.
9	8		R	File Creation Date (CCYYMMDD)	ENV	GS04	373	Date	M	DT	8/8	
10	6		O	File Creation Time (HHMMSS)	ENV	GS05	337	Time	M	TM	4/8	
11	8		R	Source ID	N1	N104	67	Identification Code	C	AN	2/20	
13	4		R1	Source Non-ED Branch ID	N1	REF02	127	Reference identification	C	AN	1/30	
14	14		R1	Total Cancellation Amount								Not Applicable to EDI.
15	14		R1	Total Deficit Amount								Not Applicable to EDI.
16	1		R	Record Terminator								Not Applicable to EDI.

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#### 2.3.3.2 Sample Disbursement Record Cross-Reference from EDI to the FFELP Element (EDI X.12 Version 4010)

The following matrix provides the reader with the suggested mapping structure for the Payment Order/Remittance Advice EDI transaction set including all required qualifiers. The structure flow is in accordance with the X12.820 transaction set. The value column shows the suggested qualifier number to be used with the corresponding data element. A '-' in the value column indicates that the FFELP file value will be populated in this field.

<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>FFELP Element Name</i>	<i>Value</i>	<i>Comments</i>
ENV	ISA	01	Authorization Information Qualifier	M	N/A	'00' - No authorization information present	Translator provided
		02	Authorization Information	M	N/A	-	Translator provided
		03	Security Information Qualifier	M	N/A	'01' - No security information present	Translator provided
		04	Security Information	M	N/A	Blank	Translator provided
		05	Interchange ID Qualifier	M	N/A	'01' - Duns	Translator provided
		06	Interchange Sender ID	M	N/A	-	School Code
		07	Interchange ID Qualifier	M	N/A	'01' - Duns	Translator provided
		08	Interchange Receiver ID	M	N/A	-	Servicer/Lender Duns number
		09	Interchange Date	M	Transmission Date	-	Translator provided
		10	Interchange Time	M	Transmission Time	-	Translator provided
		11	Interchange Control Standards Identifier	M	N/A	'U' - US EDI Community of ASCX12, TDCC, and UCS	Translator provided
		12	Interchange Control Version Number	M	N/A	'00402'	Translator provided
		13	Interchange Control Number	M	N/A	-	Translator provided
		14	Acknowledgment Requested	M	N/A	'1' - Interchange acknowledgment requested	Translator provided
		15	Usage Indicator	M	N/A	'P' - Production data	Translator provided
		16	Component Element Separator	M	N/A	-	Translator provided
	GS	01	Functional Identifier Code	M	N/A	'RA' - Payment Order Remittance Advice	Translator provided
		02	Application Sender's Code	M	N/A	-	Sender Code
		03	Application Receiver's Code	M	N/A	-	Servicer/Lender Duns number
		04	Date	M	File Creation Date	-	Translator provided
		05	Time	M	File Creation Time	-	Translator provided
		06	Group Control Number	M	N/A	-	Translator provided
		07	Responsible Agency Code	M	N/A	'X' - Accredited standards committee X12	Translator provided

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<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>FFELP Element Name</i>	<i>Value</i>	<i>Comments</i>
		08	Version/Release/Industry Identifier Code	M	N/A	'00402'	Translator provided
HDR	ST	01	Transaction Set Identifier Code	M	N/A	'820' - Payment Order/Remittance Advice	Translator provided
		02	Transaction Set Control Number	M	N/A	-	Translator provided
	BPR	01	Transaction Handling Code	M	N/A	'Z' - Mutually defined	Mandatory EDI element not used in the application; value will be hard-coded.
		02	Monetary Amount	M	N/A	'0'	Mandatory EDI element not used in the application; value will be hard-coded.
		03	Credit/Debit Flag	M	N/A	'C' - Credit	Mandatory EDI element not used in the application; value will be hard-coded.
		04	Payment Method Code	M	Funds Distribution Method Code	'CHK' - check	New EDI codes need to be added for 'EFT', 'Master Check', and 'Netting Process'.
	REF	01	Reference Identification Qualifier	C	N/A	'94' - File identification number	Mandatory EDI qualifier
		02	Reference Identification	C	File Identifier Code	-	None
N1	N1	01	Entity Identifier Code	M	Source Type Code	'GU' - guarantee agency 'LN' - lender '57' - servicing organization '1R' - university, college, or school	None
		02	Name	C	Source Name	-	None
		03	Identification Code Qualifier	C	N/A	'31' - Bank Identification code 'DG' - US Dept. of Education Guarantor ID code 'DL' - US Dept. of Education Lender ID code 'DS' - US Dept. of Education school ID code	Mandatory EDI qualifier
		04	Identification Code	C	Source ID	-	None
	REF	01	Reference Identification Qualifier	C	N/A	'3L' - Branch identifier	Mandatory EDI qualifier
		02	Reference Identification	C	Source Non-Ed Branch ID	-	None
	N1	01	Entity Identifier Code	M	N/A	'GU' - guarantee agency 'LN' - lender '57' - servicing organization '1R' - university, college, or school	None
		03	Identification Code Qualifier	C	N/A	'1' - D-U-N-S number, Dun & Bradstreet	Mandatory EDI qualifier

# ELECTRONIC DATA INTERCHANGE

## X12.820 (Payment Order/Remittance Advice) IMPLEMENTATION GUIDE

<i>EDI Loop</i>	<i>EDI Segment</i>	<i>EDI Element</i>	<i>EDI Element Name</i>	<i>Required Field?</i>	<i>FFELP Element Name</i>	<i>Value</i>	<i>Comments</i>
		04	Identification Code	C	Source ID (DUNS number format)	-	None
	N1	01	Entity Identifier Code	M	N/A	'40' - Receiver	Mandatory EDI qualifier
		02	Name	C	Recipient Name	-	None
		03	Identification Code Qualifier	C	N/A	'31' - Bank Identification code 'DG' - US Dept. of Education Guarantor ID code 'DL' - US Dept. of Education Lender ID code 'DS' - US Dept. of Education school ID code	Mandatory EDI qualifier
		04	Identification Code	C	Recipient ID	-	None
	REF	01	Reference Identification Qualifier	C	N/A	'3L' - Branch identifier	Mandatory EDI qualifier
		02	Reference Identification	C	Recipient Non-Ed Branch ID	-	None
	N1	01	Entity Identifier Code	M	N/A	'40' - Receiver	None
		03	Identification Code Qualifier	C	N/A	'1' - D-U-N-S number, Dun & Bradstreet	Mandatory EDI qualifier
		04	Identification Code	C	Recipient ID (DUNS number format)	-	None
ENT	ENT	02	Entity Identifier Code	C	N/A	'LN' - lender	Mandatory EDI qualifier
		03	Identification Code Qualifier	C	N/A	'DL' - US Dept. of Education lender identification code	Mandatory EDI qualifier
		04	Identification Code	C	Lender ID	-	None
		05	Entity Identifier Code	C	N/A	'LN' - lender	Mandatory EDI qualifier
		06	Identification Code Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Lender Name'.
		07	Identification Code	C	Lender Name	-	None
		08	Reference Identification Qualifier	C	N/A	'3L' - Branch identifier	Mandatory EDI qualifier
		09	Reference Identification	C	Lender Branch ID	-	None
NM1	NM1	01	Entity Identifier Code	M	N/A	'01' - loan applicant	Mandatory EDI qualifier
		02	Entity Type Qualifier	M	N/A	'1' - person	Mandatory EDI qualifier
		03	Name Last or Organization Name	O	Borrower Last Name	-	None
		04	Name First	O	Borrower First Name	-	None
		05	Name Middle	O	Borrower Middle Initial	-	None
		08	Identification Code Qualifier	C	N/A	'34' - social security number	Mandatory EDI qualifier



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		09	Identification Code	C	Borrower SSN	-	None
		01	Entity Identifier Code	M	N/A	'S2' - student	Mandatory EDI qualifier
		02	Entity Type Qualifier	M	N/A	'1' - person	Mandatory EDI qualifier
		03	Name Last or Organization Name	O	PLUS/Alternative Student Last Name	-	None
		04	Name First	O	PLUS/Alternative Student First Name	-	None
		05	Name Middle	O	PLUS/Alternative Student Middle Initial	-	None
		08	Identification Code Qualifier	C	N/A	'34' - social security number	Mandatory EDI qualifier
		09	Identification Code	C	PLUS/Alternative Student SSN	-	None
	N3	01	Address Information	M	Borrower Address (line 1)	-	None
		02	Address Information	O	Borrower Address (line 2)	-	None
	N4	01	City Name	O	Borrower City	-	None
		02	State or Province Code	O	Borrower State	-	None
		03	Postal Code	O	Borrower Zip Code	-	None
	REF	01	Reference Identification Qualifier	C	N/A	'6W' - Sequence number	Mandatory EDI qualifier
		02	Reference Identification	C	Loan ID & Sequence Number	-	None
		01	Reference Identification Qualifier	C	N/A	'11' - Account number	Mandatory EDI qualifier
		02	Reference Identification	C	Student Bank Account Number	-	None
		03	Description	C	N/A	'Student'	Optional EDI qualifier specifying student's account number
		01	Reference Identification Qualifier	C	N/A	'11' - Account number	Mandatory EDI qualifier
		02	Reference Identification	C	Fund Source Bank Account Number	-	None
		03	Description	C	N/A	'Fund Source'	Optional EDI qualifier specifying fund source's account number
		01	Reference Identification Qualifier	C	N/A	'11' - Account number	Mandatory EDI qualifier
		02	Reference Identification	C	School Bank Account Number	-	None
		03	Description	C	N/A	'School'	Optional EDI qualifier specifying school's account number
		01	Reference Identification Qualifier	C	N/A	'93' - funds authorization	Mandatory EDI qualifier
		02	Reference Identification	C	EFT Authorization Code	-	None
		01	Reference Identification Qualifier	C	N/A	'A5' - Educational institution identification number	Mandatory EDI qualifier
		02	Reference Identification	C	School ID	-	None

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		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'School DUNS number'.
		02	Reference Identification	C	School ID (DUNS Number format)	-	None
		01	Reference Identification Qualifier	C	N/A	'3L' - Branch identifier	Mandatory EDI qualifier
		02	Reference Identification	C	School Designated Branch/Division Code	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Guarantor ID'.
		02	Reference Identification	C	Guarantor ID	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Guarantor DUNS Number'.
		02	Reference Identification	C	Guarantor ID (DUNS Number format)	-	None
ADX	NTE02	01	Note Reference Code	O	N/A	TBD	New EDI Code needs to be added for 'School Use'
		02	Description	M	School Use	-	None
		01	Note Reference Code	O	N/A	'LEN' – Lender use	Mandatory EDI qualifier
		02	Description	M	Lender Use	-	None
		01	Note Reference Code	O	N/A	TBD	New EDI Code needs to be added for 'Guarantor Use'
		01	Description	M	Guarantor Use	-	None
REF	REF	01	Reference Identification Qualifier	C	N/A	'8X' - Transaction category or type	Mandatory EDI qualifier
		02	Reference Identification	C	Record Type Indicator Code	-	None
		01	Reference Identification Qualifier	C	N/A	'9P' - Loan type	Mandatory EDI qualifier
		02	Reference Identification	C	Loan Type Code	-	None
		01	Reference Identification Qualifier	C	N/A	TBD	New EDI code needs to be added for 'Alternative Loan Program Type Code'.
		02	Reference Identification	C	Alternative Loan Program Type Code	-	None
	DTM	01	Date Time Qualifier	M	N/A	'547' – Date of loan	Mandatory EDI qualifier
		02	Date	C	Loan Period Begin/End Date	-	None
		01	Date Time Qualifier	M	N/A	'636' - Date of last update	Mandatory EDI qualifier
		02	Date	C	Date Address Last Updated	-	None
RMR	RMR	01	Reference Identification Qualifier	C	N/A	'CK' - check number	Mandatory EDI qualifier
		02	Reference Identification	C	Check Number	-	None
		03	Payment Action Code	O	Late Disbursement Indicator Code	'FL' – Final 'AJ' – Adjustment	Code FL maps to 'Y' and code AJ maps to 'N'

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		04	Monetary Amount	O	Gross Disbursement Amount	-	None
		05	Monetary Amount	O	Guarantee Amount	-	None
		06	Monetary Amount	O	Net Disbursement Amount	-	None
	REF	01	Reference Identification Qualifier	C	N/A	'NP' - Partial payment number	Mandatory EDI qualifier
		02	Reference Identification	C	Disbursement Number	-	None
	DTM	01	Date Time Qualifier	M	N/A	'325' - disbursement date	Mandatory EDI qualifier
		02	Date	C	Disbursement Date	-	None
		01	Date Time Qualifier	M	N/A	'326' - guarantee date	Mandatory EDI qualifier
		02	Date	C	Guarantee Date	-	None
SAC	SAC	01	Reference Identification Qualifier	C	Debit/Credit Indicator Flag	'C' - Charge 'N' - No allowance or charge	None
ADX	ADX	01	Monetary Amount	M	Origination Fee	-	Not used by school
		02	Adjustment Reason Code	M	N/A	'AH' - origination fee	Mandatory EDI qualifier
		01	Monetary Amount	M	Guarantee Fee	-	Not used by school
		02	Adjustment Reason Code	M	N/A	'AF' - guarantee fee	Mandatory EDI qualifier
		01	Monetary Amount	M	Total Amount of Fees Subsidized	-	None
		02	Adjustment Reason Code	M	N/A	TBD	New EDI code needs to be added for 'Total Amount of Fees Subsidized'.
	NTE	02	Description	M	Error Code Field #1	-	None
		02	Description	M	Error Code Field #2	-	None
		02	Description	M	Error Code Field #3	-	None
		02	Description	M	Error Code Field #4	-	None
		02	Description	M	Error Code Field #5	-	None
AMT	AMT	01	Amount Qualifier Code	M	N/A	'2' - Batch total	Mandatory EDI qualifier
		02	Monetary Amount	M	Total Net Loan Amount	-	None
		03	Debit/Credit Flag Code	O	Debit/Credit Flag	'C' - Credit 'D' - Debit	None